

**NET1 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17382C**

**Specification**

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**NET1 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O7Z628</a>
Other Accession	<a href="#">NP_001040625.1</a> , <a href="#">NP_005854.2</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	67740
Antigen Region	356-385

**NET1 Antibody (Center) - Additional Information**

**Gene ID** 10276

**Other Names**

Neuroepithelial cell-transforming gene 1 protein, Proto-oncogene p65 Net1, Rho guanine nucleotide exchange factor 8, NET1, ARHGEF8

**Target/Specificity**

This NET1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 356-385 amino acids from the Central region of human NET1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

NET1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**NET1 Antibody (Center) - Protein Information**

**Name** NET1

**Synonyms** ARHGEF8

**Function** Acts as a guanine nucleotide exchange factor (GEF) for RhoA GTPase. May be involved in activation of the SAPK/JNK pathway Stimulates genotoxic stress-induced RHOB activity in breast cancer cells leading to their cell death.

**Cellular Location**  
Cytoplasm. Nucleus.

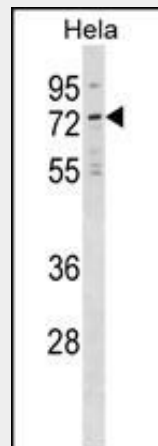
**Tissue Location**  
Widely expressed..

### NET1 Antibody (Center) - Protocols

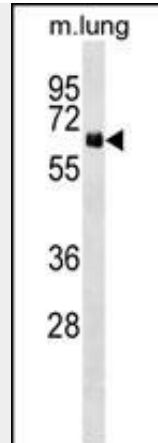
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### NET1 Antibody (Center) - Images



NET1 Antibody (Center) (Cat. #AP17382c) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the NET1 antibody detected the NET1 protein (arrow).



NET1 Antibody (Center) (Cat. #AP17382c) western blot analysis in mouse lung tissue lysates (35ug/lane). This demonstrates the NET1 antibody detected the NET1 protein (arrow).

#### **NET1 Antibody (Center) - Background**

NET1 acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase. May be involved in activation of the SAPK/JNK pathway (By similarity).

#### **NET1 Antibody (Center) - References**

- Lee, J., et al. J. Biol. Chem. 285(34):26618-26627(2010)
- Carr, H.S., et al. J. Biol. Chem. 284(36):24269-24280(2009)
- Gilcrease, M.Z., et al. Cancer Epidemiol. Biomarkers Prev. 18(1):80-86(2009)
- Murray, D., et al. Br. J. Cancer 99(8):1322-1329(2008)
- Guerra, L., et al. PLoS ONE 3 (5), E2254 (2008) :

#### **NET1 Antibody (Center) - Citations**

- [Multi-target siRNA: Therapeutic Strategy for Hepatocellular Carcinoma.](#)